

# Samsung PT10V

## Technical Data and Specification

### Technical Data

Measurement Time:	7 - 10 minutes (depending on the test cartridge)
Sample Material:	serum or plasma
Sample Volume:	70 µl
Handling:	intuitive user handling with an 4,3"-TFT-LCD-Colour-Touch-Screen
Data Storage:	5.000 measurement results
Power Supply:	100 - 240 V power supply
Measurement Result:	display on the touch-screen-display and printout
Interface:	USB, LAN, WLAN
Dimension:	206 x 140 x 205 mm (L x B x H)
Weight:	~2 Kg



# Samsung PT10V

Clinical chemistry analyzer  
for daily use !



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# Samsung PT10V

## Clinical Chemistry Analyzer in a Compact Format!



The Samsung PT10V is a compact analyzer for the measurement of clinical chemistry parameters. The pre-configured cartridges combine up to 16 parameters. With a sample volume of only 70 µl the Samsung PT10V determines the measurement results in only 7 to 10 minutes. The intuitive menu navigation facilitates everyday use, even in emergency situations. Samsung PT10V supports accurate and rapid in-house diagnostics in your practice.



## Indication-related Test Cartridges

Various test cartridges with up to 16 parameters to deliver within a short time accurate measurement results. The fully automated test processes provide a reliable and fast diagnostic!

### Samsung Comprehensive Test

GLU, BUN, CREA, B/C ratio\*, PHOS, CA, TP, ALB, GLOB\*, A/G ratio\*, ALT, ALP, TBIL, CHOL, TRIG, AMY

### Samsung Electrolyte Test

Na, K, Cl, Na/K ratio\*

### Samsung Kidney Test

GLU, BUN, CREA, B/C ratio\*, PHOS, CA, ALB, AMY

### Samsung Large Animal Test

GLU, BUN, CREA, B/C ratio\*, TP, ALB, GLOB\*, A/G ratio\*, AST, ALP, GGT, TBIL, CK

### Samsung Liver Test

GLU, BUN, TP, ALB, GLOB\*, A/G ratio\*, ALT, AST, ALP, GGT, TBIL

### Samsung Pre-Surgical Test

GLU, BUN, CREA, B/C ratio\*, TP, ALB, GLOB\*, A/G ratio\*, ALT, ALP

\* calculated parameter



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## Clinical Chemistry Analyzer in a Compact Format!

### Fast Measurement Results

In only 7 to 10 minutes the Samsung PT10V determines up to 16 parameters with pre-configured test cartridges.

### Small Sample Volume

70 µl of sample volume is sufficient for a complete analysis. The Samsung PT10V determines the measurement results with only one drop of serum or plasma.

### Easy Handling

The intuitive user handling is simple and straightforward with an touch-screen-display. Follow only three steps on the 4,3 inch display for a measurement.

### Internal Data Storage

The Samsung PT10V stores up to 5,000 test results on an internal data storage.

### Data Transmission on all Channels

Whether analogue or digital, the Samsung PT10V transmits the measurement results on all channels. The internal printer delivers the results in black and white. The bi-directional connection allows an optimized data transmission to your practice management software.

### Mobile on your Tablet or Smart Phone

Take the measurement results of the Samsung PT10V mobile on your tablet or smart phone! Have a look to the Samsung LABGEO Mobile App and present the results to the pet owner where ever you are in your clinic or practice. Check the test results on your tablet or smart phone, make a clinical warnings and check your consumption of test cartridges easily and at any time.

